



AF 1744

[10191/1376]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Martin LENFERS et al.
Serial No. : 09/554,041
Filed : October 12, 2000
For : PROBE FOR DETERMINING THE OXYGEN
CONCENTRATION IN A GAS MIXTURE
Examiner : Kaj K. Olsen
Group Art Unit : 1744

RULE 112

DO NOT ENTER

DO NOT ENTER

Commissioner for Patents
Washington, D.C. 20231

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Signature: _____

Jong H. Lee

AMENDMENT UNDER 37 C.F.R. § 1.116

SIR:

In response to the Final Office Action dated July 2,
2002, kindly amend the above-identified application as set
forth below. Entry of the amendment is respectfully requested
since the amendment raises no new issues and puts the claims in
condition for allowance and/or in better form for appeal.

IN THE CLAIMS:

Please amend claim 6 as follows:

Sub c3
B1
6. (Amended) A probe for determining an oxygen concentration
in a gas mixture, comprising:
a Nernst measuring cell including:
a Nernst electrode exposed to the gas mixture to be
measured via a diffusion barrier, a reference
electrode exposed to a reference gas, and a solid